

#### ABSTRACT

To provide a cool air cooling device for optical disks where cooling of disk substrates immediately after injection molding thereof can be performed efficiently and a number of disk substrates can be accommodated in a limited space. A cool air cooling device (4) for optical disks having transfer means for transferring disk substrates in their standing state, wherein the transfer means is provided with a plurality of feed screw shafts driven for synchronous rotation to support and place disk substrates at a plurality of points, and the pitch of the threads formed in the feed screw shaft differs according to the axial positions of the threads.